

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. beneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

## WET ETCH OF TITANIUM-TUNGSTEN FILM

and for which a patent application:

was filed in the United States on October 21, 2003 as Application No. 10/689,042 and is identified by Morgan, Lewis & Bockius LLP Docket No. 060937-0152-US

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION						
APPLICATION NUMBER COUNTRY (day, month, year) PRIORITY CLAIMED						
PCT/US97/12220	International/USPCT	July 21, 1997	YES 🗷	NO 🗆		
			YES □	NO 🗆		

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

PROVISIONAL APPLICATION NUMBER	FILING DATE
60/023,299	July 16, 1996

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

NON-PROVISIONAL	FILING DATE			
APPLICATION SERIAL NO.		PATENTED	PENDING	ABANDONED
09/226,996	March 23, 1998	X		

for use only when the application is assigned to a company, partnership or other organization.

Morgan, Lewis & Bockius LLP Docket No.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Bob Small

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	FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME	
2 0 1	OF INVENTOR	PATEL	Bakul		
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZEN	ISHIP
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		SIGNATURE OF INVENTOR PATEL		DATE	<u> </u>
	T	LARRYANG			
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	POST OFFICE ADDRESS	STREET	СПУ	STATE OR COUNTRY	ZIP CODE
		SIGNATURE OF INVENTOR 204		DATE	

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	FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME	
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2 0 1	RESIDENCE &	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENS	нгР
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2	RESIDENCE &	CITY Moul	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENS	HIP
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	FULL NAME	LAST NAME	FIRST NAME Shihwing	MIDDLE NAME	
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

	ELIL MANGE	LAST NAME	FIRST NAME	MIDDLE NAME	
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		SIGNATURE OF INVENTOR PATEL  Banne P Pare	u.	3)\2\0'	3
	ELILI MANG	LAST NAME	FIRST NAME	MIDDLE NAME	
	FULL NAME OF INVENTOR	SMALL	Robert	J.	
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	FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME	
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		Shilying Rec		MARCH 11, 2004	
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2 0 4	RESIDENCE & CITIZENSHIP	СІТУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
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		SIGNATURE OF INVENTOR 204		DATE	



Application of: Bakul PATEL et al.

Confirmation No.:

4500

Serial No.:

10/689,042

Art Unit:

To be assigned

Filed:

October 21, 2003

Examiner:

To be assigned

For:

WET ETCH OF TITANIUM-TUNGSTEN

Attorney Docket No.: 60937-0152-US

**FILM** 

## POWER OF ATTORNEY BY ASSIGNEE

The undersigned Assignee of the entire interest in the above-identified application hereby grants power of attorney to the registered practitioners of Morgan, Lewis & Bockius LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to:

Customer Number 009629

Patent Support Unit Morgan, Lewis & Bockius LLP 1111 Pennsylvania Avenue, N.W. Washington, D.C. 20004 202.739.3001 (facsimile)

Please direct all telephone calls to <u>Christopher G. Hayden</u> 202-739-3000.

## CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

I am the:

×	the assignee	of the er	ntire right,	title, an	d interest; or

an assignee of less than the entire right, title and interest. The extent (by, percentage) of its ownership interest is %

in the patent application/patent identified above by virtue of an Assignment from the inventor(s) of the patent application identified above, and a copy of which is attached hereto, and which is co-filed separately.

Morgan, Lewis & Bockius LLP 60937-0152, U.S. Serial No. 10/689,042

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the Assignee.

EKC TECHNOLOGY, INC.

Date: 10 March 2014

Michael A. Fury
Printed Name

Title: Vice President R&D